

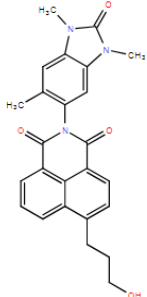
Certificate of Analysis

Target	Inhibitors & Agonists>>Epigenetics>>Bromodomain
Cat.No	DC12029
Name	BAY-299

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Chemical Properties

CAS	2080306-23-4
Formula	C ₂₅ H ₂₃ N ₃ O ₄
MW	429.476
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of BAY-299 is a complex molecule. It features a central benzimidazole ring system. One nitrogen atom of the benzimidazole is substituted with a methyl group (H₃C), and the other with a methylene group (CH₂). The benzimidazole is attached to a benzene ring, which has a methyl group (H₃C) at the 3-position. This benzene ring is further connected to a pyridine ring. The pyridine ring is substituted with a propyl chain (CH₂-CH₂-CH₂-OH) at the 2-position and a carbonyl group (C=O) at the 4-position. The pyridine ring is also connected to another benzene ring, which is substituted with a carbonyl group (C=O) at the 2-position.</p>
Purity	>98%

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www.dcchemicals.com